## CLAIMS

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1-49 (Canceled)

50. (Previously presented) An apparatus for vibration isolation comprising:

an actuating device (4, 8) between a vibration-isolating table (3) and an intermediate plate (2), said actuating device (4, 8) having zero-power characteristics or negative spring characteristics;

a spring element  $(K_1)$  between said intermediate plate (2) and a base (1), said spring element  $(K_1)$  having specified positive spring characteristics;

a spring element (K<sub>3</sub>) between said vibration-isolating table (3) and said base (1), said spring element (K<sub>3</sub>) having positive spring characteristics,

wherein a damper  $(C_1)$  is between said intermediate plate (2) and said base (1), a damper  $(C_3)$  being between said vibration-isolating table (3) and said base (1).

- 51. (Previously presented) The apparatus for vibration isolation according to claim 50, wherein said damper (C<sub>1</sub>) is in parallel with said spring element (K<sub>1</sub>), said damper (C<sub>3</sub>) being in parallel with said spring element (K<sub>3</sub>).
- 52. (Previously presented) The apparatus for vibration isolation according to claim 50, wherein said damper (C<sub>1</sub>) has a specified damping rate, said damper (C<sub>3</sub>) having said specified damping rate.

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- 53. (Previously presented) The apparatus for vibration isolation according to claim 50, wherein said spring element (K<sub>1</sub>) supports said intermediate plate (2) on said base (1), said spring element (K<sub>3</sub>) supporting said vibration-isolating table (3) on said base (1).
- 54. (Previously presented) The apparatus for vibration isolation according to claim 50, further comprising:
- a linear actuator (A1) between said intermediate plate (2) and said base (1), said linear actuator (A1) being in contact with said base (1) and said intermediate plate (2).
- 55. (Previously presented) The apparatus for vibration isolation according to claim 50, further comprising:
- a spring element  $(K_2)$  between said vibration-isolating table (3) and said intermediate plate (2), said spring element  $(K_3)$  being in contact with said vibration-isolating table (3) and said intermediate plate (2).
- 56. (Previously presented) The apparatus for vibration isolation according to claim 55, wherein said spring element (K<sub>2</sub>) has positive spring characteristics.
- 57. (Previously presented) The apparatus for vibration isolation according to claim 50, wherein said actuating device (4, 8) attracts said vibration-isolating table (3) and said intermediate plate (2) toward one another.

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- 58. (Previously presented) The apparatus for vibration isolation according to claim 50, wherein said actuating device (4, 8) is an actuator (8), said actuator (8) having negative spring characteristics.
- 59. (Previously presented) The apparatus for vibration isolation according to claim 50, wherein said actuating device (4, 8) is a magnetic levitation mechanism (4), said magnetic levitation mechanism (4) having permanent magnets (6) and electromagnets (7).
- 60. (Previously presented) The apparatus for vibration isolation according to claim 59, wherein said permanent magnets (6) are on said vibration-isolating table (3), said electromagnets (7) being on said intermediate plate (2).
- 61. (Withdrawn-Previously presented) The apparatus for vibration isolation according to claim 59, wherein said permanent magnets (6) are on said intermediate plate (2), said electromagnets (7) being on said vibration-isolating table (3).
- 62. (Previously presented) The apparatus for vibration isolation according to claim 59, wherein a load acts on said vibration-isolating table (3), an attraction of said electromagnets (7) is variable with changes in said load.
- 63. (Withdrawn-Previously presented) The apparatus for vibration isolation according to claim 50, wherein said spring element  $(K_3)$  is a pneumatic spring (9).

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- 64. (Previously presented) The apparatus for vibration isolation according to claim 50, wherein said spring element  $(K_1)$  is in contact with said intermediate plate (2) and said base (1), said damper  $(C_1)$  being in contact with said intermediate plate (2) and said base (1).
- 65. (Previously presented) The apparatus for vibration isolation according to claim 50, wherein said spring element (K<sub>3</sub>) is in contact with said vibration-isolating table (3) and said base (1), said damper (C<sub>3</sub>) being in contact with said vibration-isolating table (3) and said base (1).
- 66. (Previously presented) The apparatus for vibration isolation according to claim 50, wherein said intermediate plate (2) is between said actuating device (4, 8) and said spring element  $(K_1)$ , said actuating device (4, 8) being between said intermediate plate (2) and said vibration-isolating table (3).
- 67. (Withdrawn-New) The apparatus for vibration isolation according to claim 50, wherein a portion of said vibration-isolating table (3) is between said actuating device (4, 8) and said spring element (K<sub>3</sub>), a portion of said intermediate plate (2) being between a segment of said vibration-isolating table (3) and said actuating device (4, 8).
  - 68. (Previously presented) A method for vibration isolation comprising:

installing an actuating device (4, 8) between a vibration-isolating table (3) and an intermediate plate (2), said actuating device (4, 8) having zero-power characteristics or negative spring characteristics;

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installing a spring element  $(K_1)$  between said intermediate plate (2) and a base (1), said spring element  $(K_1)$  having specified positive spring characteristics;

installing a spring element  $(K_3)$  between said vibration-isolating table (3) and said base (1), said spring element  $(K_3)$  having positive spring characteristics,

wherein a damper  $(C_1)$  is between said intermediate plate (2) and said base (1), a damper  $(C_3)$  being between said vibration-isolating table (3) and said base (1).

## 69. (Previously presented) A method for vibration isolation comprising:

isolating vibration between a vibration-isolating table (3) and an intermediate plate (2), an actuating device (4, 8) having zero-power characteristics or negative spring characteristics to isolate said vibration between said vibration-isolating table (3) and said intermediate plate (2);

isolating vibration from a base (1) to said intermediate plate (2), a spring element  $(K_1)$  having specified positive spring characteristics to isolate said vibration from said base (1) to said intermediate plate (2);

isolating vibration from said base (1) to said vibration-isolating table (3), a spring element (K<sub>3</sub>) having positive spring characteristics to isolate said vibration from said base (1) to said vibration-isolating table (3);

wherein a damper  $(C_1)$  is between said intermediate plate (2) and said base (1), a damper  $(C_3)$  being between said vibration-isolating table (3) and said base (1).